

**REMARKS**

Claims 1-16 are pending in the application. Claims 1-4, 7-11, 14, 15 and 16 are rejected. Claims 5, 6, 12 and 13 are objected to but would be allowable if objections to informalities raised in §1 of the Office Action were met.

Claims 1-4 and 8-11 are cancelled, without prejudice. Claims 5, 6, 12 and 13 are amended to meet the objections raised and to place them in condition for allowance. Claims 7 and 14-16 are amended to depend directly or indirectly from claim 5 or 12.

***Paragraph 1 of the Office Action***

Regarding §1 of the Office Action, the claims now on file recite In-phase and Quadrature components. Applicant believes all the informality objections of the Office Action are traversed.

***Claim Rejections - 35 USC §102 and 35 USC §103***

No objection is raised in the Office Action under 35 USC §102 and 35 USC §103 to claims 5, 6, 12 and 13, which are stated to be allowable. Claims 7 and 14 to 16 depend from claim 5 or 12 and are submitted to be allowable at least for this reason.

Although Applicants may disagree with statements made by the Examiner in reference to the claims and the cited references, Applicants are not discussing all these statements in the current Office Action since reasons for the patentability of each pending claim are provided without addressing these statements. Therefore, Applicants reserve the right to address these statements at a later time if necessary.

No amendment made herein is related to the statutory requirements of patentability unless expressly stated herein. Further, no amendment herein is made for the purpose of narrowing the scope of any claim, unless Applicants have argued herein that such amendment was made to distinguish over a particular reference or combination of references.

In view of the amendments and remarks set forth herein, the application is believed to be in condition for allowance and a notice to that effect is solicited.

Nonetheless, should any issues remain that might be subject to resolution through a telephonic interview, the Examiner is requested to telephone the undersigned.

If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 503079.

Respectfully submitted,

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